

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A portable radio terminal for realizing automatic frequency control (AFC) for automatically controlling an oscillation frequency of an oscillator, comprising:

means for intermittently performing AFC operation; and

means for shortening an AFC operation stop period when a frequency shift of the oscillation frequency is ~~large~~ greater than a first threshold value;

means for lengthening the AFC operation stop period when the frequency shift of the oscillation frequency is less than a second threshold value; and

means for maintaining the AFC operation stop period at a current value when the frequency shift of the oscillation frequency is a value that is less than the first threshold value and greater than the second threshold value,

wherein the first threshold value is greater than the second threshold value.

2. (Canceled).

3. (Previously Presented) A terminal according to claim 1, wherein the intermittent operation includes not only the AFC operation but also operation stop of said portable radio terminal.

4. (Withdrawn) A portable radio terminal for realizing automatic frequency control (AFC) for automatically controlling an oscillation frequency of an oscillator, comprising means for updating a frequency shift to the oscillator when the frequency shift of the oscillation frequency is smaller than a predetermined value and frequency shifts in the same direction are detected a predetermined number of times.

5. (Withdrawn) A portable radio terminal for realizing automatic frequency control (AFC) for automatically controlling an oscillation frequency of an oscillator,

comprising means for monitoring a reception quality or sync state and determining in accordance with a result whether to input a frequency shift value to the oscillator.

6. (Withdrawn) A terminal according to claim 1, further comprising means for performing the AFC operation at a predetermined short period when said portable radio terminal fails in decoding, does not detect any pilot signal, or detects an out-of-sync state.

7. (Currently Amended) An AFC control method of realizing automatic frequency control (AFC) for automatically controlling an oscillation frequency of an oscillator, comprising:

intermittently performing AFC operation, and

wherein, when a frequency shift of the oscillation frequency is ~~large~~ greater than a first threshold value, shortening an AFC operation stop period,

wherein, when the frequency shift of the oscillation frequency is less than a second threshold value, lengthening the AFC operation stop period, and

wherein, when the oscillation frequency is a value that is less than the first threshold value and greater than the second threshold value, the AFC operation stop period is maintained at a current value,

wherein the first threshold value is greater than the second threshold value.

8. (Canceled).

9. (Previously Presented) A method according to claim 7, wherein the intermittent operation includes not only the AFC operation but also operation stop of a portable radio terminal.

10. (Withdrawn) An AFC control method of realizing automatic frequency control (AFC) for automatically controlling an oscillation frequency of an oscillator, comprising updating a frequency shift to the oscillator when the frequency shift of the oscillation frequency is smaller than a predetermined value and frequency shifts in the same direction are detected a predetermined number of times.

11. (Withdrawn) An AFC control method of realizing automatic frequency control (AFC) for automatically controlling an oscillation frequency of an oscillator, comprising monitoring a reception quality or sync state and determining in accordance with a result whether to input a frequency shift value to the oscillator.

12. (Original) A method according to claim 7, wherein the AFC operation is performed at a predetermined short period when decoding fails, no pilot signal is detected, or a step-out state is detected.

13. (Previously Presented) A terminal according to claim 2, wherein the intermittent operation includes not only the AFC operation but also operation stop of said portable radio terminal.

14. (Previously Presented) A method according to claim 8, wherein the intermittent operation includes not only the AFC operation but also operation stop of a portable radio terminal.

15. (New) A terminal according to claim 1, wherein the AFC operation stop period is lengthened by doubling a current AFC operation stop period to thereby obtain a longer AFC operation stop period to be used in a next cycle.

16. (New) A terminal according to claim 1, wherein the AFC operation stop period is shortened by halving a current AFC operation stop period to thereby obtain a shorter AFC operation stop period to be used in a next cycle.

17. (New) A terminal according to claim 16, wherein the AFC operation stop period is shortened by halving a current AFC operation stop period to thereby obtain a shorter AFC operation stop period to be used in a next cycle.

18. (New) A terminal according to claim 1, further comprising:
means for determining whether a power value (RSSI) of a signal received by the terminal is less than a predetermined value,

wherein, when the RSSI is determined to be less than the predetermined value, the AFC operation stop period is set to a minimum value.

19. (New) A method according to claim 7, wherein the AFC operation stop period is lengthened by doubling a current AFC operation stop period to thereby obtain a longer AFC operation stop period to be used in a next cycle.

20. (New) A method according to claim 7, wherein the AFC operation stop period is shortened by halving a current AFC operation stop period to thereby obtain a shorter AFC operation stop period to be used in a next cycle.

21. (New) A method according to claim 19, wherein the AFC operation stop period is shortened by halving a current AFC operation stop period to thereby obtain a shorter AFC operation stop period to be used in a next cycle.

22. (New) A method according to claim 7, further comprising:
determining whether a power value (RSSI) of a signal received by the terminal is less than a predetermined value,

wherein, when the RSSI is determined to be less than the predetermined value, the AFC operation stop period is set to a minimum value.